

# Project Audit

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Project:  
**Uphold Finance**

March 13, 2022



U P H O L D  
F I N A N C E

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**Uphold Finance**

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# Overview

This audit has been prepared for **Uphold Finance** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	Uphold
Ticker	Uphold
Contract	0xAD7D5f230c45358422E81A77f4aC714f18948984
Network	Binance Smart Chain
Language	Solidity
Tax	<b>Buy: 14%</b> <b>Sell: 18%</b>
Total Supply	100,000,000,000
Status	Not launched yet

## Current stats

Burn	No tokens burned
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxSellTxAmount	100,000,000,000

# Smart Contract Statistics

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	100,000,000,000 Uphold
Median Transfer Amount	100,000,000,000 Uphold
Average Transfer Amount	100,000,000,000 Uphold
First transfer date	2022-03-08
Last transfer date	2022-03-08
Days tokens Transfer	1

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

## Featured Wallets

Owner address	0x63f93991FB4543C1bB295A8dd3D9b7Ab95342f0F
Lottery wallet	0x1bAe627c282f78278B83709b9cA530a81EFCAd3e
Dev wallet	0xb9Eac474E73e370177FCFe3BE551f494B62E0841
Marketing wallet	0x33bA9Cda790408BfEa9746A38Fd1C8bf119D7494
LP token address	No liquidity added yet

## Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
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Tokens not distributed yet



# Security Threats

## ! Owner can change buy/sell fees up to 100%

```
function updateBuyFees(uint256 rewardFee, uint256 _liquidityFee, uint256 _marketingFee,
uint256 _lotteryFee, uint256 _DAOFee) external onlyOwner{
    rewardsBuyFee = rewardFee;
    liquidityBuyFee = _liquidityFee;
    marketingBuyFee = _marketingFee;
    lotteryBuyFee = _lotteryFee;
    devBuyFee = _DAOFee;
    totalBuyFees = rewardsBuyFee.add(liquidityBuyFee).add(marketingBuyFee)
    .add(lotteryBuyFee).add(devBuyFee);
}
function updateSellFees(uint256 rewardFee, uint256 _liquidityFee, uint256 _marketingFee,
uint256 _lotteryFee, uint256 _DAOFee) external onlyOwner{
    rewardsSellFee = rewardFee;
    LiquiditySellFee = _liquidityFee;
    MarketingSellFee = _marketingFee;
    lotterySellFee = _lotteryFee;
    devSellFee = _DAOFee;
    totalSellFees = rewardsSellFee.add(LiquiditySellFee).add(MarketingSellFee)
    .add(lotterySellFee).add(devSellFee);
}
```

## ! Owner can change max sell transaction limit, making it impossible to sell if set to 1. Value of 1 token at launch prices may be less than gas fees associated with the transaction.

```
function setMaxSellTxAmount(uint256 maxSellTxAmount) external onlyOwner() {
    require(maxSellTxAmount > 0, "transaction amount must be greater than zero");
    _maxSellTxAmount = maxSellTxAmount * (10**18);
}
```



# Tokenomics

## Current State

Tokens are not distributed yet, owner have 100% of total supply.

⚠ *There is no information about token distribution in their website.*

# Uphold Finance Project & Team Review

According to their website:

Uphold Finance project will be building a platform where \$Uphold holders will be able to view and track their crypto currencies and NFTs.

## Team:

⚠ No information about the team i their website or socials.  
There are only few photos in their website.

# Website Analysis

URL: <https://upholdfinance.com/> ⚠ Domain is 6 days

- old
- **Design:** Pleasant color scheme, simple design.
  - **Content:** Informative, well structured. Wrong social links in footer section. ⚠
  - **Whitepaper:** No whitepaper. ⚠
  - **Roadmap:** Goals set at 4 phases without time frames.
  - **Mobile-friendly?** Yes
  - **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

<https://t.me/upholdfinance>

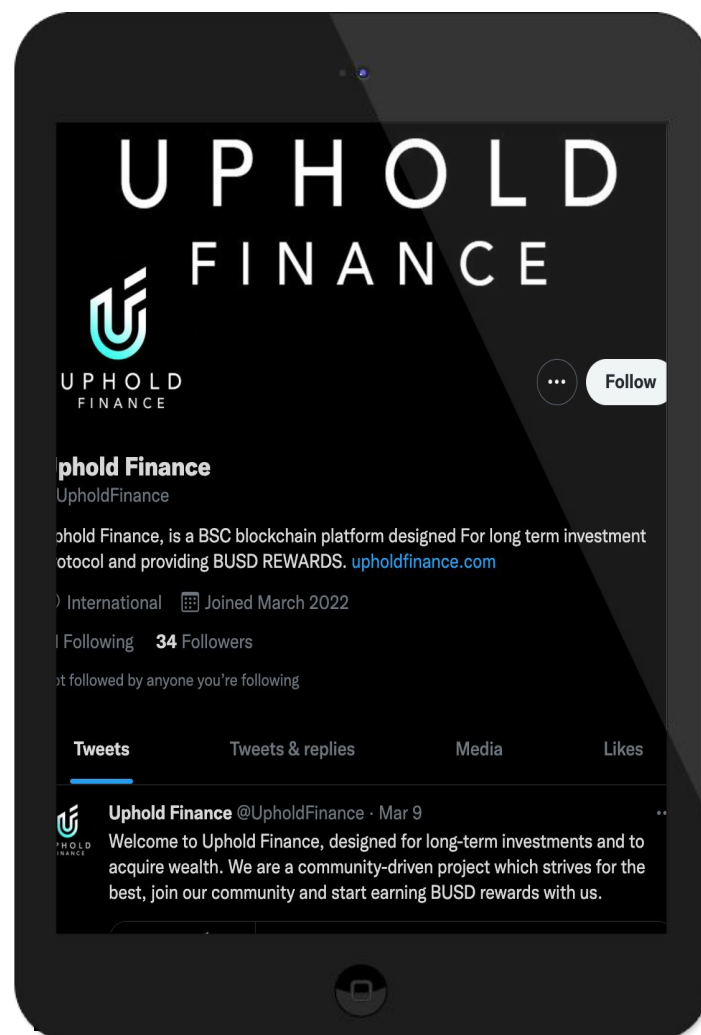
- 901 members
- No active members ⚠️
- 1 Active mod



## Twitter

<https://twitter.com/upholdfinance>

- 27 Followers ⚠️
- Not active, only 1 post ⚠️



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.